

DETAILED SOIL SURVEY AND LAND USE OF Bd7a, Bd7c,
Bd7d, Bd7f, Bd8a, Bd8d, Bd8f, Bd8h and Bd8r SUBWATER -
SHEDS OF BAN SAGAR CATCHMENT (SONE FPR), TEHSIL -
KATNI AND SIHORA, DISTRICT - JABALPUR, MADHYA PRADESH

A B S T R A C T

1. Surveyed area :
 - a) Hydrologic units : Bd7a, Bd7c, Bd7d, Bd7f, Bd8a, Bd8d, Bd8f, Bd8h and Bd8r subwatersheds, Ban Sagar Catchment (Sone FPR)
 - b) Administrative details : Tehsil - Katni and Sihora, district - Jabalpur, Madhya Pradesh
 - c) Geographical details : Latitudes - $23^{\circ}40'$ to $23^{\circ}51'N$
Longitudes - $80^{\circ}05'$ to $80^{\circ}25'E$
2. Total area : 21,013 ha.
3. Kind of survey : Detailed soil survey and land use
4. Period of survey : December, 91 to April, 92

5. Soil series mapped and area under each series:

Sl.No.	Name of the soil series	Area (ha)	Percentage
1.	Bhadaura	2614	12.4
2.	Bilheri	4341	20.6
3.	Chikhla	5600	26.7
4.	Ganyari	956	4.6
5.	Ghinochi	4284	20.4
6.	Jhinhri	300	1.4
7.	Katni	106	0.5
8.	Niwar	259	1.2
9.	Takhla	1425	6.8
10.	Miscellaneous land	1128	5.4
Total		21013	100.0

6. Land capability classes:

Land capability class	Area in ha.	Percentage

II (Good land with minor limitations)	4494	21.4
III (Moderately good lands with moderate limitations)	2984	14.2
IV (Marginally suitable lands for cultivation)	5467	26.0
VI (Well suited for grazing and forestry)	700	3.3
VII (Fairly well suited for grazing and forestry)	640	3.0
Forest land	5600	26.7
Miscellaneous land	1128	5.4

Total	21013	100.0
